MULTIMEDIA UNIVERSITY

STUDENT ID NO | | | | | | | | | | |

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 2, 2015/2016

PCG0023 – COMPUTER GRAPHICS 2

(All sections / Groups)

05 MARCH 2016
9.00 a.m. – 11.00 a.m.
(2 Hours)

INSTRUCTION TO THE STUDENT

1. This Question paper consists of 4 pages including cover page with 6 questions only.

2. Answer only **4 (FOUR) out of 6 questions.** Total marks is 40 (FORTY) marks altogether. The distribution of the marks for each question is given accordingly at the end of each question.

3. Please write all your answers clearly in the Answer Booklet provided.

Question 1

a. Explain the differences between raster image and vector image [7 marks]

b. Name 3 major Graphic file formats [3 marks]

Question 2

There are two types of digital data compression; Lossless and Lossy

a. What are lossy type of compression? Provide an example of lossy type of image format. [5 marks]

b. What are lossless type of compression? Provide an example of lossless type of image format. [3 marks]

Question 3

a. Explain image resolution [4 marks]

b. Explain pixel in digital imaging [4 marks]

c. What is DPI and PPI? [2 marks]

Question 4

There are eight steps to produce good design posters. Explain at least five out of the eight steps. [10 marks]

Continued ...

Question 5

a. Does the movie poster shown in figure 1 able to capture your attention? Why?

[5 marks]

b. Displaying good balance is one of the important criteria in producing a good design poster. Is the movie poster shown in figure 1 display good balance? Why?

[5 marks]

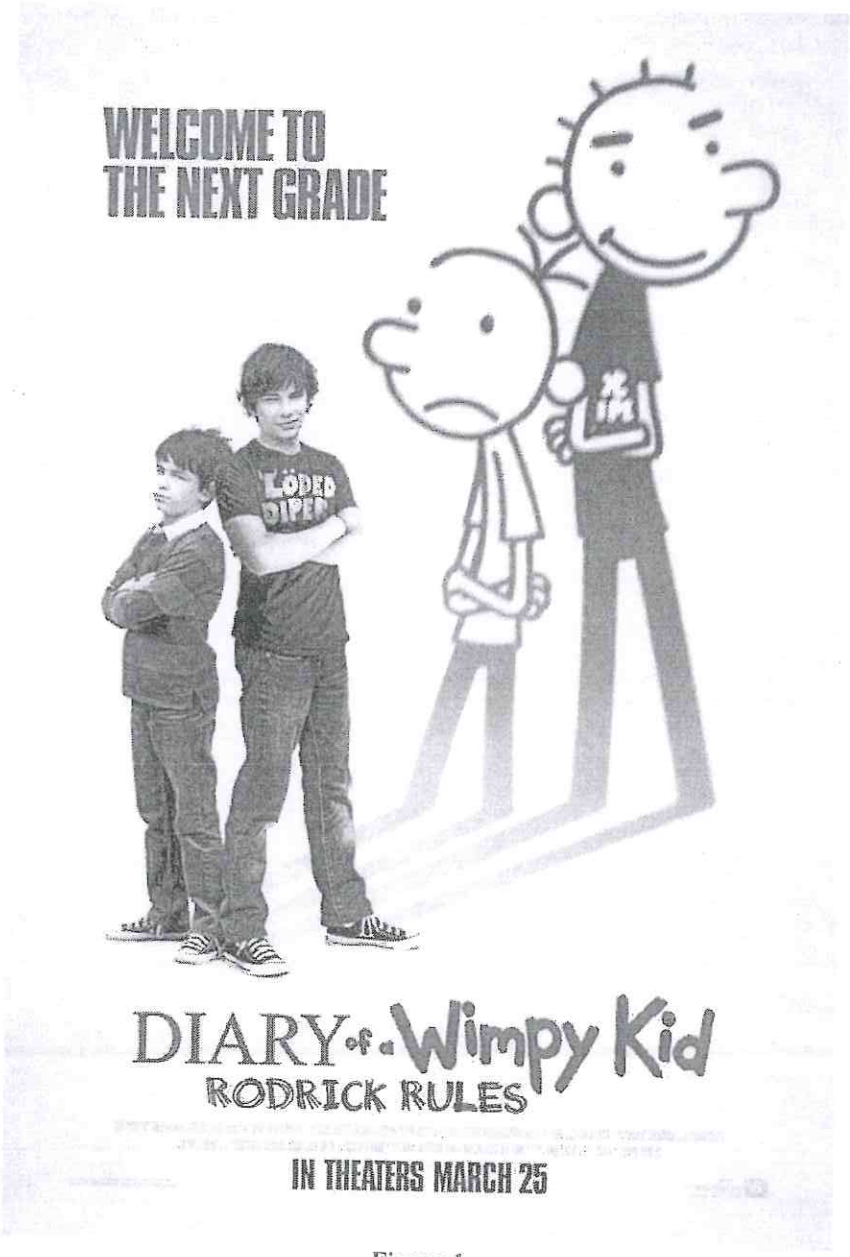

Figure 1

Question 6

Explain about digital data compression. Why do you think digital data compression is important?

[10 marks]

End of Paper